

LAHOCINSKI, Zygmunt

H-23

POLAND/Chemical Technology - Chemical Products and Their  
Application - Refining of Natural Gases and  
Petroleum. Motor and Rocket Fuel. Lubricants.

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 58688

Author : Lahocinski Zygmunt

Inst : ~~\_\_\_\_\_~~  
Title : New Technological Processes of Refining Petroleums.

Orig Pub : Wiadom. naft., 1957, 3, No 11, 11-12

Abstract : This reports briefly on a new modification of the Varga  
method for refining heavy petroleums or tars in motor  
fuels (hydrogenation under high pressures). For decre-  
asing the pressure during hydrogenation, and increasing  
the efficiency of the process, it is proposed to first  
mix such heavy products with lighter petroleum fractions,  
which permit the process to be carried out at 20-80 at.  
A test of the method, conducted in Hungary, indicated  
that from petroleum of specific gravity 0.945,

Card 1/2

~~SECRET~~ LABOINSKI, Z  
POLAND/Chemical Technology - Chemical Products and Their  
Application, Part 3. - Treatment of Natural Gases  
and Mineral Oil, Motor and Rocket Fuel, Lubricants.

H-22

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 22702

Author : Zygmunt Laboinski

Inst : -

Title : Reforming as Process of Raising Octane Number of Motor  
Gasoline.

Orig Pub : Nafta (Polska), 1957, 13, No 7-8, 191-197

Abstract : Brief information concerning the actual processes of ca-  
talytic and non-catalytic gasoline reforming is presen-  
ted.

Card 1/1

LAHOCHINSKI, Z.

The problem of acidified tar in oil refineries. p. 86.

WIADOMOSCI NAFTOWE. (Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow  
Przemyslu Naftowego i Zwiazku Zawodowego Gornikow Naftowcow)  
Krosno, Poland  
Vol. 5, no. 4, Apr. 1959.

Monthly list of East European Accessions (FEAI) LC, Vol. 8, no. 2, July 1959.

Uncl.

LAHOCINSKI, Zygmunt

The problem of waste sulfuric acid in English refineries. Wiad naft  
7 no.7/8:161-166 J1-Ag '61.

(Sulfuric acid) (Great Britain—Factory and trade waste)

LAHOCINSKI, Zygmunt

Achievements in America's petroleum refining industry. Wlad  
wift '7 no.10:239 '61.

LAHOCINSKI, Zygmunt

The fuel link. Wiad naft 8 no.1:18-21 '62.

LAHOCINSKI, Zygmunt

Extension of the petroleum refinery plants in Czechowice.  
Wiad naft 8 no.7:157-160 J1 '62.

LAHOCINSKI, Zygmunt

Elimination of metallic impurities from cracking catalyzers by  
the Met. -X method. Wiad. naft. 8 no.3:56-57 Mr '62.

1. Redaktor Działowy miesięcznika "Wiadomości Naftowe".



LAHOCINSKI, Zygmunt

Practical remarks on H. Piotrowicz's article on chemical  
installation cleaning in refineries and petrochemical plants.  
Wiad naft 9 no.7/8:173-176 XL-Ag '63.

LAHOGINSKI, Zygmunt

Hydrogen treatment in the refining industry. Wiad naf<sup>3</sup> 10 no.9:  
207-211 S<sup>64</sup>

LAHOCINSKI, Zygmunt

Anticorrosive coatings. Wiad naft 10 no.10:234-236 0 '64.

LAHOCINSKI, Zygmunt

Anticorrosive coatings. Wiad nauk 10 no.12:273-276 D '64.

LAHODA, Jan, inz.

~~Grinding machine for thick-walled glass products. Sklar a~~  
keramik 13 no.5:130-132 My '63.

1. Technicke sklo, n.p., Sazava.

LAHODA, F., inz.

Hydraulic work on the Hornad River near Ruzin. Vođni hosp 15  
no.3:125-129 '65.

1. Technical Control Agency, Ruzin.

LAHODNY, A.

Yugoslavia (430)

Technology

The development of metallurgy and the  
technology of magnesium and its alloys.  
p. 1, Metalurgija, Vol. 2, no. 1, 1951.

East European Accessions List,. Library of Congress,  
Vol. 2, no. 4, April 1953, UNCLASSIFIED

LAHODNY, ANTE

The manufacture of aluminum alloys. Ant. Lahodny  
(Inst. Lake Metale, Zagreb, Yugoslavia). ~~Technical paper~~  
(Zagreb) 3, 10-14 (1961). After a classification of Al alloys  
and raw materials for their manuf., the various methods of  
making Al alloys are described. 17 references. N. P.



LAHODNY, A.

Yugoslavia (430)

Technology-Periodicals

The production of alumina by modern methods  
in the alumina and aluminum factory at Strnisce,  
Slovenia. p. 261. TEHNICKI PREGLED. (Croatia.  
Uprava za unapredenje proizvodnje pri privednom  
savjetu) Zagreb. (Bimonthly technical journal  
issued by the Production Improvement Administration  
of the Economic Council) No. 5, 1951.

East European Accessions List, Library of Congress,  
Vol. 2, No. 6, June 1953. Unclassified.

YUGO .

Investigation of the distribution of some important impurities in technical aluminum. A. Lahodny, P. Novak, and T. Bril (Inst. Light Metals, Zagreb, Yugoslavia). *Tehniki pregled* (Zagreb); *Posredni Inst. Lake Metals* (Special issue Inst. Light Metals) Oct. 1952, 24-32. — The detection of local clumps of metallic and nonmetallic impurities and gases in Al castings and strips by macrographic, radiographic, and semimicroradiographic methods is described and numerous illustrations are presented. N. P.

LAHODNY, ANTE

YUGO 2

Bauzites, L. Miroslav Karasulin, Antonia Tomic, and  
Ante Lahodny. Bul' intern. akad. yun. nauch. sci. et beaux-  
arts. 118.3.1. 5. (Classe sci. math., phys. et tech., Livre 1)  
10.11.1952, p. 1. 6. 41. -- See C. d. 46, 1952, p. 1. N. P.

BI

LAHODNY, A.

Some applications of the semimicroradiography in investigating casted aluminum alloy. A. Lahodny and F. Non-  
viller. *Technika Pregled (Zagreb)* 4: 82-84 (1969). The use  
of the method in investigating the structure of casted Al  
alloys is illustrated and numerous semimicroradiograms are  
presented. Emphasis is laid on the detection of voids and  
cracks as well as of clusters of individual constituents of the  
alloy. N. Flavić

ALAHODNY, A

Gas in Aluminum Alloys. F. Norviller, A. Lohodny, and  
 G. Lohodny (Zakazniky priroda (Zapre), 1953, 8, 145-146, Abs.,  
 1955, 48, 8772). In casting Al alloys contg. up to 1% Mg,  
 the following mixture added to the extent of 0.15-0.50% of  
 the melt was found suitable as a degassing agent:  $\text{C}_2\text{F}_4$ , 25,  
 $\text{NaCl}$  50-5,  $\text{KCl}$  28-5,  $\text{NaF}$  5, and  $\text{Na}_2\text{AlF}_6$  50%. A laboratory  
 apparatus for controlling the gas content of Al alloys is  
 described.

46

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LAHODNY, A.

Karsulin, M.; Lahodny, A. "Determination of hydrar-gillite content in bauxites." p. 340.  
(Priroda, Vol. 18, no. 6/7, 1953. Zagreb)

SO: Monthly List of East European Accessions, Vol. 3, no. 3, Library of Congress, March 1954.  
Uncl.

LA 100 DNY, A

The Influence of Corrosion on the Mechanical and Electrical Properties of a Steel-Aluminum Cable Carrying 110 kV.  
P. Bunkur and A. J. J. J. (Electrotechnical Year 1980, 24, (6-8), 199-201).  
A 1 aluminum-steel cable of 1.24 cm cross-sectional area corroded during storage in unfavorable surroundings in which it was kept for three years. Alumina scale films were found to be the most important corrosion products. Hardness, elongation, texture and strength were also investigated.

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1980  
PB Paul

LAHODNY, A., inz. (Zagreb)

The Zagreb Light Metal Institute. Tesla no. 13/14:20-22 S-0 '55.



LAHCLA, J.

LAHCLA, J. Special features of harvesting flax with a combine. p. 247.

Vol. 6, No. 13, July 1956.  
MECHANISACE ZEMEDLSTVI.  
AGRICULTURE  
Praha, Czechoslovakia

So: East European Accession, Vol. 6, No. 3, March 1957

LAHOLA, J., inz. CSc.; HECL, J., inz.

Trend in the research on flax, leguminous plants, and oil plants  
in the years 1966-1970. Vest ust zemedel 12 no.4:174-176 '65.

VASAK, Vladimir, C.Sc.Inz.: LAHOLA, Josef, Inz.

Mechanized flax pulling and binding. Vestnik CSAZV 8 no.4:201-203  
'61. (EKAI 10:6)

1. Vyzkumna stanice pradnych rostlin Ceskoslovenske akademie  
zemedelskych ved, Sumperk-Temenice.  
(Czechoslovakia--Flax)

LAHOLA, Josef, inz.

From the activities of the Agricultural Research Station in  
Sumperk-Temenice. Vest ust zemedel 10 no.9:360-364 '63.

1. Vyzkumna stanice zemedelska, Sumperk-Temenice.

POLAND / Chemical Technology. Chemical Products. H  
Ceramics. Glass. Astringents. Concrete.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 68241.

Author : Lahovsky J.

Inst : ~~Not given~~.

Title : Addition of Ash in the Calcination of Clinkers.

Orig Pub: Cement. Wapno. Gips, 1957, 13, No 6, 128-129.

Abstract: In connection with Musyalik's article regarding the addition of ash to clinkers (Ref Zhur-Khimiya, 1957, 52009) numerous tests were conducted to determine quantity of ash additive required in the ovens equipped with chamotte lining. The obtained results were found inadequate for manufacturing control purposes.

Card 1/1

Country : Czechoslovakia H-13  
 Category :  
 Abs. Jour. : 39473  
 Author : Lahovsky, J.  
 Institut. : Not given  
 Title : The Application of Si-Material as a Special Additive  
 in the Manufacture of Portland Cement  
 Orig Pub. : Stavivo, 36, No 9, 357-359 (1958)  
 Abstract : The desirability of the utilization of Si-material  
 ['Si-stoff'] as a hydraulic additive for portland  
 cement is noted.  
 Ya. Satunovskiy

Card: 1/1

COUNTRY : Czechoslovakia H-13  
 CATEGORY :  
 1050 No 37370

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000928420018-7"

AUTHOR : Lahovsky, J.; Michalek, Z.  
 INST. :  
 TITLE : Rapid Complexometric Analysis of Raw Material  
 in the Production of Cement.  
 ORIG. PUB. : Stavivo, 1956, 37, No 2, 59-60  
 ABSTRACT : Description of a method of direct complexo-  
 metric determination of  $Al_2O_3$  by titration with the use of  
 PAN (1-(2-pyridyl-azo)-2-naphthol) indicator. The method is  
 recommended for laboratories of cement factories.  
 Ya. Satunovskiy.

CARD:

1ST AND 2ND ORDERS										PROCESS AND PROPERTIES INDEX										3RD AND 4TH ORDERS									
<p>Experiments at Dolni Rychanov on the increase of the durability of glass. F. LAINE, H. FITZ, AND R. LOM. <i>Skladat Rockledy</i>, 24 [8-10] 150-57 (1948).—Experiments were carried out in production, and 18 variables are listed to permit statistical interpretation. The report on intermediate progress in the course of the first operational month reveals a noticeable improvement in durability in the following glass (wt. %): 71.04 SiO<sub>2</sub>, 0.77 Al<sub>2</sub>O<sub>3</sub>, 18.22 Na<sub>2</sub>O + K<sub>2</sub>O, 8.42 CaO, and 3.65 MgO; about 0.6% CaO had been gradually replaced by Al<sub>2</sub>O<sub>3</sub>. N.J.K.</p>																													
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PROCESSING AND PROPERTIES INDEX																			
<p><b>C</b></p> <p>Increase in yield in mechanized window-glass production by <math>\text{CaF}_2</math> additions. F. LAHL. <i>Stahl- und Eisen</i>, 24 [8 10] 158 (1948). -- An experiment in window glass tank production showed that, in a glass of the composition 71.1 <math>\text{SiO}_2</math>, 0.7 <math>\text{Al}_2\text{O}_3</math>, 0.2 <math>\text{Fe}_2\text{O}_3</math>, 7.0 <math>\text{CaO}</math>, 3.0 <math>\text{MgO}</math>, 10.3 <math>\text{Na}_2\text{O}</math>, and 0.5 <math>\text{SO}_2</math>, the addition of 1% <math>\text{CaF}_2</math> causes a noticeable reduction in melting time, improves melting and working viscosity, and does not increase corrosion. The melting temperature can be decreased 10° to 15°C.</p> <p style="text-align: right;">N.J.K.</p>																			
<p>ASAC-51A METALLURGICAL LITERATURE CLASSIFICATION</p>																			
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SYNONYM										SYNONYM									



LAIBL, F.

"Mechanization and automatization in glassmaking." p. 7

"Initiative of Comrade Kotovov." p. 7

"Way to strengthen discipline." p. 8

"Save wrapping material." p. 8

"Planning in machine shops; a book review." p. 8

(Technicke Noviny, Vol. 1, No. 16, Dec. 1954, Praha)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 6, June.  
1954, Uncl.

LAIBL, F.

Review of the art of glass workers in Zelezny Brod, p. 188, SKLAR A  
KERAMIK (Ministerstvo lehkeho prumyslu) Praha, Vol. 5, No. 8, Aug.  
1955

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 4, No. 12, December 1955

LAIBL, F.

Use of technical-organizational measures. p. 73. SEJAR A KIRANIK.  
(Ministerstvo lehkeho prumyslu) Praha. Vol. 5, no. 11, Nov. 1955.

SOURCE: East European Accessions List, Vol. 5, no. 11, September 1956

LAIBL, F.

Use of small-scale mechanization in the glass industry. p. 52.  
SKLAR A KERAMI, Prague, Vol. 6, no. 3, Mar. 1956.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956, 'ncl.

LATBL, F.

Loss of glass in drawing and processing on Fourcault machines. p. 58,  
Chemical analysis of aluminum oxide. p. 59.  
SKLAR A KERAMIK, Prague, Vol. 6, no. 3, Mar. 1956.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956, Uncl.

LAIBL, F.

Cooperation of research workers in the silicate industry. p. 180. SKLAR A KERAMIK, (Ministerstvo lehkého průmyslu) Praha. Vol. 6, no. 7, July 1956.

SOURCE: East European Accessions List, (EEAL),  
Library of Congress. Vol. 15, no. 12,  
December 1956.

LAIBL, F.

"Scientific management of work."

p. 25 (Sklar A Keramik) Vol. 8, no. 1, Jan. 1958.  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

LAIBL, F., inz.

"Industrial glass piping" by [inz.] Jiri Horlava. Reviewed by F. Laibl. Sklar a keramik 13 no. 6: Supplement:

68-107



LAIBL, Frantisek, inz.

"Sprechsaal silicate 1963/64 yearbook." Reviewed by Frantisek  
Laibl. Sklar a keramik 14 no.9:Suppl:insert S '64.

LAIBL, Josef; PROKS, Ctirad

Cerebro-pituitary insufficiency in a child after the roentgen-irradiation of hemangioma of the forehead. Cesk.pediat.16 no.2: 101-105 F '61.

1. Detske oddeleni OUNZ ve Strakonicich, prim. MUDr. J. Laibl.  
Patologickoanatomicke oddeleni OUNZ v Pisku, prim. MUDr. C.Proks.  
(HEMANGIOMA radiother)  
(SCALP neopl)  
(RADIATION INJURY in inf & child)  
(BRAIN radiation eff)  
(PITUITARY GLAND radiation eff)

LATDA, J.

Hunderdth anniversary of Markusovsky's speculum. Vest.otorin.  
22 no.3:88-91 My-Je '60. (MIRA 13:10)  
(SPECULUM (MEDICINE))

LALDA, J.

- [illegible]

1ST AND 2ND COLUMNS		3RD AND 4TH COLUMNS	
LADLER, K. CA		<p>The analysis of technical methods for the Third Nitrogenous Fertilizers Plant (in Poland). Konstanty Laidler. <i>Przeegl. Chem.</i> 6, 181-85(1948). -A discussion of processes to be applied for the daily output of 850 tons of <math>\text{Ca}(\text{NO}_3)_2</math> and 700 tons of <math>\text{CaH}_2\text{PO}_4</math> in a plant to be erected within 4 years. Comparison is made of production costs of nitrogenous fertilizers based on coke oven gas, coke, bituminous coal, and brown coal. Some improvements in <math>\text{NH}_3</math> synthesis and in the manuf. of <math>\text{HNO}_3</math> are mentioned. A reduction in high costs of <math>\text{Ca}(\text{NO}_3)_2</math> manuf. can be achieved by the combined production of <math>\text{Ca}(\text{NO}_3)_2</math> and <math>\text{CaH}_2\text{PO}_4</math>. Adam Spozewski</p>	
<p>15</p>			
<p>ASB.SLA METALLURGICAL LITERATURE CLASSIFICATION</p>			
<p>FROM SYNONYMS</p>		<p>TO SYNONYMS</p>	
<p>127000 00</p>		<p>000000 00</p>	

LAIDLER, K.

Kedzierzyn Nitrogen Plants.

p. 404  
Vol. 11, no. 8, Aug. 1955  
PRZEMYSŁ CHEMICZNY  
Warszawa

SO: " Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 2  
Feb. 1956

Laidler, K.

Problem of the technical progress of the chemical industry in the 5-year Plan.

P. 10 (Przegląd Chemiczny. Vol.12, no. 1, Jan.1956, Warszawa, Poland)

Monthly Index of East European Accessions (EFAI) LC. Vol. 7, no. 2,  
February 1958

*Laidler, K.*

POLAND / Chemical Technology, Chemical Products and Their  
Application. Part 3. - Treatment of Solid Com-  
bustible Minerals.

H-21

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 12429.

Author : K. Laidler.

Inst : Not given.

Title : Ways for Rational Utilization of Fuel in Poland.

Orig Pub : Przem. chem., 1957, 13, No 6, 306 - 312.

Abstract : The technical-economical questions concerning the treat-  
ment and utilization of solid, liquid and gaseous fuels under  
conditions in Poland were discussed; based on the above, the  
following proposal concerning the plan of development of  
these branches of the national economy were made; develop-  
ment of the production of natural gases and brown coal,

Card 1/2

Card 1/2



COUNTRY : POLAND H  
CATEGORY : Chemical Technology. Chemical Products and  
Their Uses. Part I. General Problems  
ABS. SOUR. : HZKha., No. 1 1960, No. 2434  
AUTHOR : Laidler, K.  
TITLE :  
SUBJ. : On the Proper Alternation of Tasks in the Pro-  
spective Plan for Development of the National  
Economy  
ORIG. PUB. : Przem. chem., 1958, 37, No 12, 749-757  
ABSTRACT : Data concerning the development of the national  
economy of Poland and some other countries are  
given.-- D. Yakesh

CARD: 1/1

H-1

LAILER, Konstanty

Observations made in 1958 in some branches of the chemical  
industry of the United States. Pt. 1. Przem chem 39 no.2:  
63-67 F '60.

LAILER, Konstanty

Observations made in 1958 in some branches of the chemical  
industry of the United States. Pt. 2. Przem chem 39 no.3:129-  
132 Mr '60.

LAIDLER, Konstanty

Observations made in 1958 in some branches of the chemical  
industries in the United States. Pt. 3. Przem chem 39 no.4:  
195-200 Ap '60.

P/014/61/040/003/001/005  
A221/A126

AUTHOR: Laidler, Konstanty

TITLE: Acceleration of the development of chemical products based on fuel transformation is necessary and of pressing importance

PERIODICAL: Przemysł Chemiczny, no. 3, 1961, 129-133 ✓

TEXT: In this article the author outlines his ideas about the necessity and possibilities of further development of chemical industries based on solid- liquid- and gaseous fuels. For the time being, liquid and gaseous fuels seem to gain some preference over solid fuels because their transformation processes require less power and capital investments. As raw materials they contain enough carbon and hydrogen necessary for transformation into final products, while solid fuels have a hydrogen deficiency. Hydrogen-poor coal can be transformed into acetylene, a product only slightly richer in hydrogen, but a valuable semiproduct in chemical syntheses. The development of the fuel-transforming chemical industry is closely linked with the development of metallurgical- and coke  
Card 1/4

Acceleration of the ...

P/014/61/040/003/001/005  
A221/A126

chemical industries on one hand and on the other with the development of motorization and capacity of oil refineries. The development of the coke-chemical industry is already well defined for the next decade and the following semiproducts will be available:

	1960	1965	1970
crude benzene	150,000 t	210,000 t	257,000 t
crude coal tar	471,000 t	645,000 t	800,000 t
coke oven gas			
(in million m <sup>3</sup> )	4,940	7,260	9,850
consumption of gas for syntheses		500	550
(in million m <sup>3</sup> )			


Development of oil refinery capacities is linked with motorization which, according to author's opinion, is not adequate in comparison with Polish needs and should be adjusted accordingly. The chemical industry will need for its own purposes by 1965 - 900 billion m<sup>3</sup>, by 1970 - 2,400 billion m<sup>3</sup> and by 1975 - 2.800 billion m<sup>3</sup>. In order to catch up with well developed European countries, the average annual progress of Polish chemical industry in 1961-1965 should increase to about 25% instead of to

Card 2/ 4

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A221/A126

Acceleration of the ...

20% as officially planned. Considering the fact that there is a great demand for chemical products, and that the supply of raw materials will improve, the author suggests that the following industries should be developed ahead of plan: 1) Plastics and synthetic resins should reach 500,000 tons by 1970 instead of the planned 350,000 tons and by 1975 - 950,000 tons instead of 550,000 tons. The average annual increase between 1965-1970 should be 30% and between 1970-1975 - 18%. 2) Rubber tire production should reach 135 tons instead of 120 tons and by 1970 - 200 tons instead of the planned 180 tons. (Abstracter's Note: It seems that in the last paragraph the figures should be in the thousand tons and not in hundreds. It is an obvious mistake). 3) Synthetic detergents should reach by 1970 - 40,000 tons instead of 30,000 tons as planned. During the current 5-Year Plan about 30 large chemical plants will be built, mostly based on foreign licenses purchased for over 200 million dollars. They will include aliphatic semiproducts, semiproducts for plastics, plastic polymers and high-temperature processes. Production from plants based on processes developed by Polish research laboratories in 1956-1960 will include hydrocyanic acid from methane, chlorine compounds of methane, methylamine, ethanol, anthraquinone, maleic acid  
Card 3/4



Acceleration of the ...

P/014/61/040/003/001/005  
A221/A126

anhydride, plasticizers and epoxy resins. This production will help to exceed the planned 20% increase of the output of the chemical industry. Requirements for new technological processes which will have to be developed and mastered by Polish chemists by 1961-1965 are even greater. In the final part of his article, the author analyzes the reality of his suggested average annual increase of chemical industrial production value by 24% instead of the planned 20% by 1965. It can be done by intensified production, increased efficiency, reduction of raw material consumption, etc. In order to boost research, cash rewards will be granted to the personnel. The author suggests some changes in organization of research: a) increase the scope of research in heavy organic synthesis, b) increase the number of technical personnel to carry out improvements in plants already working, c) correct the distribution of tasks between and within Industrial Unions, d) speed up supply of research laboratories with materials and installations from the central reserves of the Ministry of Chemical Industry. There are 4 tables and 1 Soviet-bloc reference. ✓

Card 4/4



Laidler, Konstanty, mgr inz.

Factors affecting the development of the Polish chemical industry until 1980. Chemik 17 no. 2: 44-47 F '64.

LAIDLER, Konstanty

Role of the Institute of General Chemistry in the chemical industry. Przem chem 42 no.12:659-660 D'63.

1. Ministerstwo Przemyslu Chemicznego, Warszawa.

LAIDLER, Konstanty, mgr inz.

Factors influencing the development of the Polish chemical  
industry until 1980. Chemik 17 no.1:4-8 Ja'64.

LAIIDLER, Konstanty, mgr inz.

Factors influencing the development of the chemical industry in  
Poland until 1980. Chemik 17 no.3:86-89 Mr '64

COUNTRY : CZECHOSLOVAKIA H  
 CATEGORY : Chemical Technology. Chemical Products and  
 Their Applications. Cellulose and Its Deriva-  
 ASS. JOUR. : REKON., No. 19, 1959, No. 69980  
 AUTHOR : Kubinek, V.; Laifrova, J.  
 INST. : -  
 TITLE : Improvement of Paper quality Through the Use  
 of Colloid Preparations.  
 ORIG. PUB. : Papir a celuloza, 1958, 13, No 11, 251, 254-  
 -256.  
 ABSTRACT : Presented are results and conditions of la-  
 boratory experiments on the application of  
 preparations made of mannogalactites:  
 "Baicol DG", "Indalca U", "Indalca A", "Mey-  
 vroid 660, 680, 4200 and 4300" in the manu-  
 facture of paper (P). P was made in four di-  
 fferent grades of cellulose. The best results  
 were obtained with "Meyoroid 4200". The opti-  
 mum content of colloid preparations in paper  
 comprised 0.5% by weigh of finished paper.  
 \*tives. Paper.  
 CARD: 1/2

H - 163

COUNTRY :  
CATEGORY :

H

ABS. JOUR. : AZKhim., No. 19, 1950, No. 69086

TITLE :

ORIG. PUB. :

ABSTRACT

1-18

: All celluloses made of fir pulp, processed  
superior mechanical properties. Preparation of  
beech cellulose with "Maynoid" were unchanged  
percent for the grinding time which was reduced  
by 15-20%. It was established that in the  
presence of the above stated preparations the  
retention of fillers was improved by 80-85%.  
The dependency of results on the manufacturing  
process conditions was noted. -- B. Yakesh.

CARD:

2/2

LAIFROVA, J.; KUBINEK, V.

New raw materials for the paper industry. p. 201

PAPIR A CELULOSA. (Ministerstvo lesu a dřevarského průmyslu) Praha,  
Czechoslovakia, Vol. 14, no. 9, Sept. 1966

Monthly List of East European Accessions (EAI) IC, vol. 9, no. 1,  
Jan. 1960

Uncl.

LAIKO, B.V., inzhener.

Supplying power to electric tools from the lighting network.  
Put' i put.khoz. no.6:27-28 Je '57. (MIRA 10:7)  
(Railroads--Maintenance and repair)



*LAINBURG, D Ye*  
LAINBURG, D.Ye.(Kiyev)

Broader indications for a cervical vagosympathetic block. Klin.med.  
35 [i.e.34] no.1 Supplement:50 Ja '57. (MIRA 11:2)

1. Iz kliniki obshchey khirurgii (zav. - prof. I.N.Ishchenko)  
Kiyevskogo ordena Turdovogo Krasnogo Znameni meditsinskogo instituta  
imeni akad. A.A.Bogomol'tsa (dir. - dotsent I.P.Alekseyenko)  
(CHEST--WOUNDS AND INJURIES) (LOCAL ANESTHESIA)

LAINCSAK, Istvan, erdomernok-tanar

Economical selection of electric machines for woodworking plants. Erdo 12 no.12: 550-556 D'63.

1. Erdeszeti Technikum, Sopron.

LAINCSAK, Istvan, mernok-tanar (Sopron)

Improving the performance factor of wood industry electric  
machines (engines) by natural way. Pt. 3. Faipar 14 no. 6:  
183-185 Je '64.

1. Technical School of Forestry.

LAINCSAK, Istvan, tanar

Economical operation of the electric machines (engines) of  
woodworking plants. Erdo 13 no.5:214-220 My '64.

1. Technical School of Forestry, Sopron.

LAINOVIC, C., dr.; RADOSEVIC, Z. doc. dr.

Trichinosis; case reports. Med. pregl. 7 no.2:99-107 1954.

1. Klinika za unutranje bolesti Medicinskog fakulteta u Zagrebu;  
predstojnik prof. dr. A. Han.  
(TRICHINOSIS, epidemiol.  
\*Yugosl.)

LAINOVIC, C.

HAHN, A., dr.; LAINOVIC, C., dr.; CERLEK, S., dr.

Atypical pictures of amebiasis. Lijec. vjes. 76 no. 3-4:128-137  
Mar-Apr 54.

1. Iz Interne klinike Medicinskog fakulteta Sveucilista u Zagrebu.  
(AMEBIASIS, pathol.)

LAINOVIC, Cedomir, Dr.

Lipemia in clinical pathology. Lijec vjes. 79 no.3-4:110-113 Mar-Apr 57.

1. Iz Internog odjela Opce bolnice Blazoz Ormalic u Baru.  
(LIPIDS, in blood  
excess in pathol. cond., review (Ser))

LAINOVIC, Cedomir, dr.

Amebiasis in the shore region of Montenegro. Med. glas. 13 no.11:  
537-540 N '59.

1. Interno odjeljenje Opste bolnice "Blazo Orlandic" u Baru, upravnik:  
dr. C. Lainovic.  
(AMEBIASIS epidemiol.)



LAINOVIC, Cedomir

Pressure-induced osteoarthropathies in decompression syndrome.  
Srpski arh. celok. lek. 87 no.2:156-166 Feb 59.

1. Interno odeljenje Opste bolnice Blazo Orlandic u Baru. Sef: dr  
Cedomir Lainovic.

(DECOMPRESSION SICKNESS, compl.  
joint dis. (Ser))

(JOINTS, dis.  
in decompression sickness (Ser))

LAINOVIC, Cedomir, dr.

Clinical investigations on hypotensive properties of olive leave extracts. Srpski arh. celok. lek. 89 no.2:179-190 F '61.

1. Interno odeljenje Opste bolnice "Blazo Orlandic" u Baru. Sef: dr Cedomir Lainovic.

(PLANTS extracts) (ANTIHYPERTENSIVE AGENTS pharmacol)

YUGOSLAVIA

LAINOVIC, Cedomir; MARJANOV, Dusan; JOVANOVIC, Aleksandar; and STOJANOVIC, Irina; Second Department of Internal Medicine (II interno odeljenje); Chief (Nacelnik) Dr Cedomir LAINOVIC; and Department of Obstetrics and Gynecology (Ginekolosko-akusersko odeljenje), Chief Primarius Dr Dusan KUSOVAC, City Hospital (Gradska bolnica), Zemun - Belgrade.

"The Stein-Leventhal Syndrome."

Belgrade, Srpski Arhiv za Tselokupno Lekarstvo, Vol 91, No 4, Apr 63; pp 427-432.

Abstract [German summary modified]: Case report: woman aged 22 with hirsutism, obesity, amenorrhea, mammary hypoplasty. Wedge resection of about 50% of ovarian tissue bilaterally was followed by normal menses, normal mammary tissue, slow loss of excess weight but no change in body hair. Prednisone had to be discontinued because of peptic ulcer. Two photographs, 2 Yugoslav and 14 Western references.

1/1

LAINOVIC, Cedomir; MARJANOV, Dusan; JOBANOVIC, Aleksandar;  
STOJANOVIC, Irina

Stein-Leventhal syndrome. Srpski arh. celok. lek. 91 no.4:  
427-432 Ap '63.

I. II interno odeljenje Gradske bolnice u Zemunu (Beograd)  
Nacelnik: dr Cedomir Lainovic Ginekolosko-akusersko odeljenje  
Gradske bolnice u Zemunu (Beograd) Nacelnik: prim. dr Dusan  
Kusovac.

(STEIN-LEVENTHAL SYNDROME)

5

LAINOVIC, Gedomir; JANCIC, Marija; DAMNJANOVIC, Milica; MIHAJLOVIC, Milan;  
BORDEVIC, Branko

Mesothelioma peritonei. Srpski arch. celok. lek. 91 no.11:  
1083-1088 N'63

1. II interno odeljenje Gradske bolnice u Zemmu - Novi Beograd  
(nacelnik: dr. Gedomir Lainovic ) ; Patolosko-anatomski institut Medicinskog fakulteta Univerziteta u Beogradu (upravnik: prof.dr. Zivojin Ignjacev.

\*

LAIPERT, Miloslav, inz.

For further development of telecommunications. Cs spoje 7 no.1:  
1-3 Ja '62.

1. Namestek ministra dopravy a spoju.

LAIPERT, Miloslav, inz.

Long-term goal of the development of telecommunications. Cs spoje 7  
no.11:1-3 N '62.

1. Namestek ministra dopravy a spoju.

LAIPERT, Miloslav, inz.

Let us in the communication services work with all our force on the performance of the Decision of the 12th Congress of the Communist Party of Czechoslovakia. Cs spoje 8 no.1:1-3 F '63.

1. vedouci Ustredni spravy spoju.

4



LAIPERT, Miloslav, inz.

For further improvement of the operation of communications.  
Gaspoje 8 no.3:1-4 Je '63.

1. Reditel Ustredni spravy spoju.

LAIPERT, Miloslav

Action plan, a mobilization tool. Cs spoje 8 no.4:1-4 Ag '63.

1. Reditel Ustredni spravy spoju.

LAIPERT, Miloslav, inz.

Quality is the main goal of telecommunications. Cs spoje 10 no.1:  
1-2 F '65.

1. Director of the Central Administration of Telecommunications,  
Prague.

LAISHEV, A. Kh. (Candidate of Veterinary Sciences, Scientific Research Institute of Agriculture in the Extreme North [Krainii Sever]).

"Diseases and their treatment in the area of the hoofs of reindeer..."  
Veterinariya, vol. 39, no. 2, February 1962 pp. 56

BUCHNEV, K.N., prof.; SHAKIMATOV, M.M., kand. veterinarnykh nauk;  
TITOV, V.L., nauchnyy sotrudnik; MEN'SHIKOV, L.F., nauchnyy  
sotrudnik; KRIVENKO, O.P., vrach-laborant; VOVK, V.I., vrach-  
laborant; LAISHEVA, M.M., vrach-laborant; POLUBOYAROVA,  
G.V., vrach-laborant

Diagnosis of rabies by precipitation reaction in agar gel.  
Veterinariia 40 no.3:66-70 Mr '63. (MIRA 17:1)

1. Alma-Atinskiy zooveterinarnyy institut (for Buchnev).
2. Laboratoriya virusologii nauchno-issledovatel'skogo  
veterinarnogo instituta Kazakhskoy akademii sel'skokhozyayst-  
vennykh nauk (for all except Buchnev).

L 44398-66 EWT(m)/ENP(t)/ETI IJP(c) JD/WB

ACC NR: AP6024526

SOURCE CODE: UR/0148/66/000/007/0114/0118

AUTHOR: Shreyber, G. K.; Zhetbin, N. P.; Saakiyan, L. S.; Laisova, I. Ya.

ORG: Institute of the Petrochemical and Gas Industry (Institut neftekhimicheskoy i gazovoy promyshlennosti)

TITLE: The influence of deformation on intercrystalline corrosion of type 18-8 stain-  
less steel 48

SOURCE: IVUZ. Chernaya metallurgiya, no. 7, 1966, 114-118 B

TOPIC TAGS: annealing, metal deformation,  
stainless steel, corrosion resistance, metal grain structure, magnetic  
saturation / 2Kh18N9 steel

ABSTRACT: The effect of preliminary deformation and tempering on intercrystalline corrosion of 18-8 stainless steel was studied. 2Kh18N9 steel was deformed, after annealing: 37, 15, 10 and 0% at +20 and -70°C. All wire samples were subsequently annealed at 550 and 650°C for 2, 4 and 8 hrs. The amount of  $\alpha$ -phase present was determined on a magnetometer. By lowering the deformation temperature to -70°C, greater amounts of  $\alpha$ -phase formed. The magnetic saturation increased rapidly after 10% deformation, the more so for unannealed specimens. Samples were boiled for 24 hrs in a standard solution (160 g CuSO<sub>4</sub>·5H<sub>2</sub>O, 100 ml H<sub>2</sub>SO<sub>4</sub> of density 1.84 g/cm<sup>3</sup> in 1000 ml of water in the presence of copper chips). After boiling, samples were measured for

Card 1/2

UDC: 669.14.018.8-12:620.196

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ACC NR: AP6024526

electrical resistivity ( $\Delta\rho/\rho_0 \cdot 100\%$ ), bent at right angles on a press with a radius of curvature of 5 mm and examined with an eyeglass after one bend and ten bends. Data are given for a variety of testing conditions: the above deformation temperatures, % deformation and tempering cycles. For any particular set of test conditions, qualitative descriptions of the bend surface are included, e. g., no cracking, deep cracks, average number of cracks, etc. Plastic deformation increased the rate of intercrystalline corrosion while decreasing the rate of general corrosion in most of the samples. The relative decrease in diameter of the "active" section is given as a function of deformation for different deformation and tempering temperatures. The relative change in resistivity is given as a function of tempering time. Optimal conditions for preventing intercrystalline cracking in 18-8 stainless steel are presented in a three-dimensional plot of the experimental conditions. Deformation at  $-70^\circ\text{C}$  transformed more of the  $\gamma$ -phase into the ferromagnetic  $\alpha$ -phase and its influence on corrosion was more pronounced than for  $+20^\circ\text{C}$ . Orig. art. has: 4 figures, 1 table.

SUB CODE: 11,20/

SUBM DATE: 28Mar66/

ORIG REF: 005/

OTH REF: 004

Card 2/2 *egk*

S/190/62/004/011/013/014

B101/B144

AUTHORS: Laita, Z., Jelinek, M.

TITLE: Kinetics of the anionic polymerization of cyclic polydimethylsiloxane

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 4, no. 11, 1962, 1739-1745

TEXT: The rate at which cyclic polydimethyl siloxanes with 3-9 Si atoms polymerize to linear polymers under the action of KOH, NaOH, or LiOH was measured dilatometrically. The experimental data are represented graphically:

$$\frac{[M]_0^{1/2} - [M]_t^{1/2}}{[M]_t^{1/2}} + \frac{1}{2} \ln \frac{([M]_0^{1/2} - [M]_t^{1/2})([M]_0^{1/2} + [M]_t^{1/2})}{([M]_0^{1/2} + [M]_t^{1/2})([M]_0^{1/2} - [M]_t^{1/2})} = \frac{k_1 K_1^{1/2}}{2} \cdot \frac{[c]^{1/2}}{[M]_t^{1/2}} \cdot t. \quad (1)$$

according to K. Vesely, M. Kucera (Symposium on Macromolecules, Wiesbaden, German Federal Republic, Kurzmitteilungen IV, B 3, 1959).  $[M_0]$  is the initial concentration of polydimethyl cyclosiloxane,  $[M]$  is the concentration of polydimethyl cyclosiloxane;  $[M_T]$  is the concentration of polydimethyl cyclosiloxane in equilibrium,  $[c]$  is the concentration of the catalyst  
Card 1/3



Kinetics of the anionic ...

S/190/62/OQ4/011/013/014  
B101/B144

lyst,  $K_1$  is the equilibrium constant,  $k_1$  is the rate constant,  $t$  is the time. The constant  $K'$  of the total rate of polymerization was calculated from  $K' = k_1 K_1^{1/2} / 2 = \tan \alpha \cdot [M]_r^{1/2} / [c]^{1/2}$ , where  $\tan \alpha$  is the slope of the straight line (1). The activation energy  $E$  and the coefficient  $A$  were calculated from  $K' = A \exp(-E/RT)$ . Results: (a) for all polydimethyl siloxanes studied, except the trimer hexamethyl cyclotrisiloxane,  $E = 19.5 \pm 0.5$  kcal/mole. For this trimer  $E = 17.5$  kcal/mole, since its molecules are subject to internal stress according to W. A. Piccoli et al. (J. Amer. Chem. Soc., 82, 1883, 1960). (b) The coefficient  $A$  depends on the number of Si atoms in the siloxane molecule, being smallest for the tetramer and the pentamer and increasing strongly for the hexamer and the heptamer. This is explained by the effect of the ring structure on the thermodynamic probability for the formation of a transition complex with a pentavalent silicon atom. (c) When the hexamer is polymerized, the slowly reacting tetramer forms in consequence of the depolymerization proceeding simultaneously. This is manifested in the fact that after the polymerization rate has reached a maximum it decreases as the tetramer concentration increases. There are 4 figures and 2 tables.

Card 2/3

Kinetics of the anionic ...

S/190/62/004/011/013/014  
B101/B144

ASSOCIATION: Nauchno-issledovatel'skiy institut makromolekulyarnoy khimii, Brno  
(Scientific Research Institute of Macromolecular Chemistry  
Brno)

SUBMITTED: March 12, 1962

Card 3/3

Z/009/60/010/05/011/040  
E112/E153

AUTHORS: Z. Macháček and Z. Laita

TITLE: Laboratory Purification of Ethylene

PERIODICAL: Chemický Průmysl, 1960, Vol 10, Nr 5, pp 251-252

ABSTRACT: A laboratory method for the purification of technical ethylene is described. The purified compound was analysed by chromatographic method. Its impurities were less than 0.01% and did not show an inhibition period in free radicle polymerisations. A diagram of the assembly of equipment is given. The method of purification is as follows. Technical ethylene is passed through an aqueous solution of potassium hydroxide, followed by passage through a purifying column containing a solution of cuprous chloride, ammonium chloride and copper shavings. It is then led through a column of concentrated sulphuric acid, anchored on silica gel. The final passage is through columns of silica gel with carbon dioxide as carrier and flow determining factor. The final purification was carried out by gas chromatography using again carbon dioxide as carrier. It is claimed that completely reproducible results were obtained. The course of the

Card  
1/2

Z/009/60/010/05/011/040  
E112/E153

Laboratory Purification of Ethylene

chromatographic separation is illustrated by a graph.  
There are 2 figures and 5 Czech references.

ASSOCIATION: Výzkumný ústav makromolekulární chemie, Brno  
(Research Institute of Macromolecular Chemistry,  
Brno)

Card 2/2

SUBMITTED: April 1, 1959

LAITHWAITE, E.R.

Linear motors. Technika 7 no.1:2 Ja '63.

SKORPIL, Vaclav, inz.; LAITL, Jan, promovany ekonom

Preparation of the 1965 plan of management and control organization.  
Drevo 19. no. 11: 423-424, 426 N '64.

1. Stredoceske drevarske zavody National Enterprise, Prague (for Skorpil). 2. Multar, Prague (for Laitl).

LAITL, J.; Technicka spoluprace: KRABEC, Z.

Resistance of the body to anoxia during the course of ontogenesis  
and the effect of chlorpromazine. Cesk. gynek. 28 no.10:659-662  
D<sup>63</sup>.

1. Ustav pro peci o matku a dite v Praze, reditel doc. dr.  
M. Vojta.

\*

LAITL, Josef

The influence of pituitrin on the fetal heart sounds. Cesk. gyn.  
23[37] no.5:364-370 July 58.

1. Ustav pro peci o matku a dite, Praha-Podoli, prednosta prof. dr.  
J. Trapl.

(PITUITARY GLAND, POSTERIOR, hormones  
pituitrin, eff. of admin. to pregn. women on fetal heart  
sounds (Cz))

(PREGNANCY, effect of drugs on  
eff. of pituitrin admin. on fetal heart sounds (Cz))

(FETUS, effect of drugs on  
eff. of pituitrin admin. during pregn. on fetal heart sounds  
(Cz))

(CARDIAC MURMURS AND SOUNDS,  
eff. of pituitrin admin. during pregn. on fetal heart sounds  
(Cz))



LAITL, Josef

Effect of largactil on the survival of young rats in acute hypoxia  
in relation to the age of the rat and to the environmental temperature.  
Cesk. gyn. 24[38] no.8:654-659 0 '59

1. Ustav pro peci o matku a dite. Praha-Podoli, reditel doc. dr. M.  
Vojta, zasl. lekar CSR.  
(CHLORPROMAZINE pharmacol.)  
(ANOXIA exper.)  
(TEMPERATURE eff.)

VOJTA, M.; LAITL, J.; ZAITLIK, V.

Local application of stilbenes before operating on descending  
genitalia in older women. Cas. lek. cesk. 99 no.27:851-855  
1 J1 '60.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel. doc.  
dr. M. Vojta.  
(UTERINE PROLAPSE surg.)  
(STILBENES ther.)

KAZDA, Stanislav; LAITL, Josef; ZAITLIK, Vojtech

On anesthesia for artificial interruption of pregnancy. Cesk.gyn.  
25[39] no.9:672-677 N '60.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel doc. dr.  
M. Vojta, zasl. lekar CSSR.  
(ABORTION THERAPEUTIC anesথে & analg)

LAITL, S.

Contribution to a discussion on pipe production. p. 278.

HUTNIK. Vol. 6, no. 9, Sept. 1956

Praha, Czechoslovakia

SOURCE: East European List (EEAL) Library of  
Congress, Vol. 6, No. 1, January 1957